

Name : \_\_\_\_\_ Score : \_\_\_\_\_

Teacher : \_\_\_\_\_ Date : \_\_\_\_\_

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### Converting Between Percents, Decimals, and Fractions

#### Convert Decimal to Fraction

$0.14 =$

$0.65 =$

$0.793 =$

$0.49 =$

$0.22 =$

$1.58 =$

$0.364 =$

$1.9 =$

$0.59 =$

$0.16 =$

$0.354 =$

$1.87 =$

$0.532 =$

$0.717 =$

$0.71 =$

#### Convert Fraction to Decimal

$\frac{13}{10} =$

$\frac{14}{20} =$

$\frac{14}{10} =$

$\frac{72}{50} =$

$\frac{7}{16} =$

$\frac{7}{8} =$

$\frac{24}{25} =$

$\frac{23}{40} =$

$\frac{5}{8} =$

$\frac{9}{25} =$

$\frac{11}{20} =$

$\frac{17}{25} =$

$\frac{7}{10} =$

$\frac{6}{50} =$

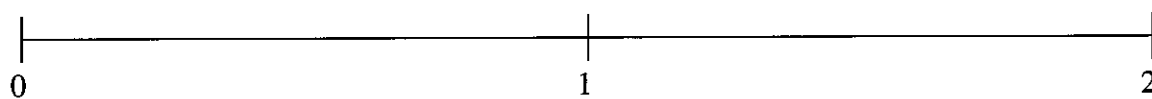
$\frac{11}{16} =$



## Ordering Fractions (A)

Order each set of fractions using the number line.

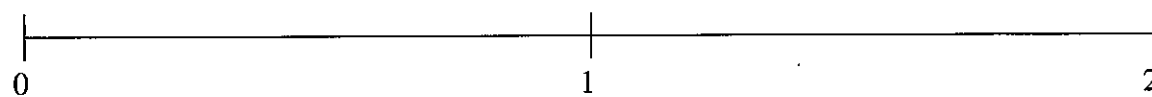
$$\frac{2}{7}, \frac{4}{5}, 1\frac{1}{3}, 1\frac{7}{8}, \frac{1}{2}$$



$$\frac{8}{9}, 1\frac{1}{6}, 1\frac{7}{9}, \frac{1}{6}, \frac{13}{19}$$



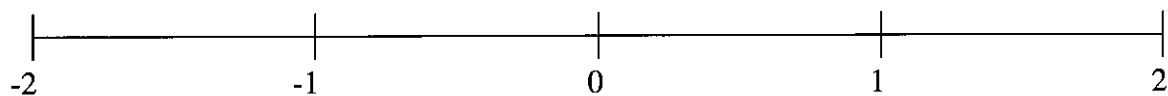
$$\frac{3}{4}, 1\frac{1}{4}, \frac{1}{2}, 1\frac{3}{5}, 1\frac{21}{23}$$



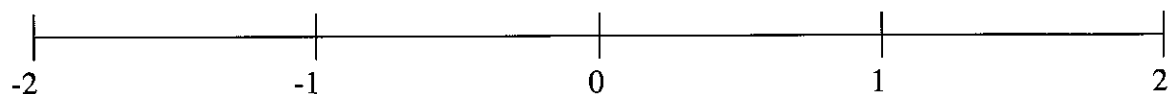
## Ordering Fractions (A)

Order each set of fractions using the number line.

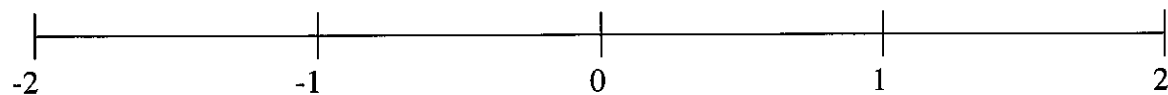
$$\frac{3}{10}, -1\frac{1}{2}, 1\frac{4}{5}, -1\frac{4}{5}, 1\frac{1}{5}, -\frac{1}{2}, -\frac{9}{10}, -\frac{1}{5}$$



$$1\frac{4}{5}, \frac{1}{2}, 1\frac{1}{2}, \frac{4}{5}, 1\frac{1}{5}, -\frac{4}{5}, -1\frac{1}{2}, -\frac{2}{5}$$



$$-\frac{1}{5}, 1\frac{9}{10}, \frac{4}{5}, 1\frac{1}{2}, 1\frac{1}{5}, -1\frac{1}{2}, -1\frac{4}{5}, \frac{1}{2}$$



# Reducing Improper Fractions (A)

Instructions: Reduce each fraction to its lowest terms. Change any improper fractions to mixed numbers.

$$\frac{6}{21} =$$

$$\frac{14}{8} =$$

$$\frac{105}{27} =$$

$$\frac{14}{4} =$$

$$\frac{12}{14} =$$

$$\frac{93}{24} =$$

$$\frac{145}{40} =$$

$$\frac{45}{25} =$$

$$\frac{6}{15} =$$

$$\frac{8}{36} =$$

$$\frac{8}{14} =$$

$$\frac{2}{18} =$$

$$\frac{9}{6} =$$

$$\frac{85}{25} =$$

$$\frac{129}{36} =$$

$$\frac{21}{27} =$$

$$\frac{22}{10} =$$

$$\frac{42}{15} =$$

$$\frac{3}{36} =$$

$$\frac{28}{12} =$$

$$\frac{44}{32} =$$

$$\frac{34}{24} =$$

$$\frac{52}{24} =$$

$$\frac{15}{9} =$$

$$\frac{21}{24} =$$

$$\frac{87}{24} =$$

$$\frac{40}{14} =$$

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## Converting Mixed Numbers to Fractions (A)

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Write the improper fraction equivalent for each mixed number.

$$9 \frac{6}{10} = \text{---}$$

$$2 \frac{2}{9} = \text{---}$$

$$3 \frac{3}{10} = \text{---}$$

$$10 \frac{4}{8} = \text{---}$$

$$4 \frac{3}{7} = \text{---}$$

$$9 \frac{1}{3} = \text{---}$$

$$10 \frac{1}{2} = \text{---}$$

$$7 \frac{1}{4} = \text{---}$$

$$4 \frac{7}{9} = \text{---}$$

$$9 \frac{5}{6} = \text{---}$$

$$2 \frac{5}{9} = \text{---}$$

$$10 \frac{5}{9} = \text{---}$$

$$8 \frac{6}{9} = \text{---}$$

$$4 \frac{2}{3} = \text{---}$$

$$2 \frac{4}{7} = \text{---}$$

$$7 \frac{4}{10} = \text{---}$$

$$10 \frac{2}{4} = \text{---}$$

$$2 \frac{1}{7} = \text{---}$$

$$1 \frac{2}{3} = \text{---}$$

$$10 \frac{1}{5} = \text{---}$$

$$3 \frac{6}{9} = \text{---}$$

$$2 \frac{1}{6} = \text{---}$$

$$1 \frac{3}{5} = \text{---}$$

$$10 \frac{1}{7} = \text{---}$$

$$5 \frac{1}{2} = \text{---}$$

$$6 \frac{1}{2} = \text{---}$$

$$3 \frac{3}{4} = \text{---}$$

$$6 \frac{3}{5} = \text{---}$$

$$4 \frac{1}{2} = \text{---}$$

$$8 \frac{1}{7} = \text{---}$$

## Adding Mixed Fractions (D)

Find the value of each expression in lowest terms.

1.  $1\frac{1}{2} + 3\frac{17}{18}$

5.  $3\frac{1}{2} + 3\frac{1}{3}$

9.  $5\frac{1}{2} + 3\frac{1}{6}$

2.  $2\frac{2}{3} + 2\frac{5}{6}$

6.  $2\frac{1}{2} + 6\frac{9}{10}$

10.  $5\frac{1}{9} + 2\frac{1}{3}$

3.  $3\frac{5}{6} + 2\frac{3}{4}$

7.  $2\frac{1}{3} + 25\frac{1}{3}$

11.  $5\frac{3}{10} + 7\frac{1}{5}$

4.  $2\frac{2}{3} + 6\frac{7}{12}$

8.  $1\frac{4}{7} + 4\frac{11}{14}$

12.  $8\frac{1}{9} + 1\frac{5}{9}$

## Adding and Subtracting Mixed Fractions (A)

Find the value of each expression in lowest terms.

1.  $2\frac{1}{5} + 1\frac{3}{4}$

5.  $1\frac{1}{2} + 2\frac{3}{5}$

9.  $3\frac{1}{2} - 1\frac{1}{2}$

2.  $3\frac{1}{2} - 2\frac{2}{3}$

6.  $3\frac{1}{2} - 2\frac{5}{9}$

10.  $5\frac{1}{2} + 5\frac{1}{4}$

3.  $3\frac{1}{2} - 3\frac{1}{2}$

7.  $2\frac{3}{4} + 1\frac{1}{5}$

11.  $1\frac{10}{11} - 1\frac{1}{3}$

4.  $5\frac{3}{4} - 5\frac{1}{4}$

8.  $3\frac{1}{4} - 2\frac{3}{8}$

12.  $1\frac{5}{12} + 3\frac{1}{3}$

## Subtracting Mixed Fractions (A)

Find the value of each expression in lowest terms.

1.  $5\frac{2}{3} - 1\frac{1}{3}$

5.  $3\frac{1}{11} - 1\frac{1}{6}$

9.  $4\frac{7}{9} - 3\frac{4}{7}$

2.  $3\frac{1}{3} - 2\frac{4}{11}$

6.  $9\frac{2}{3} - 3\frac{1}{3}$

10.  $3\frac{1}{5} - 1\frac{1}{6}$

3.  $7\frac{2}{3} - 1\frac{2}{3}$

7.  $3\frac{3}{4} - 1\frac{5}{8}$

11.  $5\frac{1}{6} - 3\frac{11}{12}$

4.  $5\frac{3}{4} - 5\frac{1}{2}$

8.  $4\frac{3}{5} - 2\frac{5}{6}$

12.  $1\frac{1}{3} - 1\frac{1}{8}$